PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| TOSHIHIRO KASAI | 02/16/2015 |
| YOICHI URAKAWA | 02/16/2015 |
| MASANORI WATANABE | 02/20/2015 |

RECEIVING PARTY DATA

| Name: | FORMFACTOR, INC. |
|-----------------|----------------------|
| Street Address: | 7005 SOUTHFRONT ROAD |
| City: | LIVERMORE |
| State/Country: | CALIFORNIA |
| Postal Code: | 84551 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14274889 |

CORRESPONDENCE DATA

Fax Number:

Address Line 1:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

60 EAST SOUTH TEMPLE

Email:kburraston@kmclaw.comCorrespondent Name:N. KENNETH BURRASTON

Address Line 2: SUITE 1800

Address Line 4: SALT LAKE CITY, UTAH 84111

| ATTORNEY DOCKET NUMBER: | P371-US | |
|---|------------------------|--|
| NAME OF SUBMITTER: N. KENNETH BURRASTON | | |
| SIGNATURE: | /N. Kenneth Burraston/ | |
| DATE SIGNED: | 02/25/2015 | |

Total Attachments: 1

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PATENT REEL: 035031 FRAME: 0503

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to FormFactor, Inc., a Delaware corporation, having a place of business at 7005 SouthFront Road, Livermore, CA 94551 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

| | CT |
|---|-----------|
| MATTER") that are disclosed in the application for United States Letters Patent entitled: Automat | <u>ed</u> |
| Attaching And Detaching Of An Interchangeable Probe Head ("APPLICATION"), which: | |

is to be filed herewith (attorney docket no. P371-US)
was filed on May 12, 2014, now bearing U.S. Serial No.: 14/274,889; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any non-provisional, divisional, continuation, substitute, renewal, reissue, and other related applications which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the right, title, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

| Name & Signature | Date of Signature |
|--------------------------------|-------------------|
| Togritipo Cagai | 716.2015 |
| Toshihiro Kasai | * |
| MY AW | Feb 16 2015 |
| Yoighi Urakawa Malani Walan | 2/20/2015 |
| Masanori Watanabe | |

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